

DEC 18 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Alex Nugent**EXAMINER:** Michael J. Caldwell**SERIAL NO.:** 10/735,934**GROUP:** 2129**FILED:** 12/15/2003**ATTY DKT NO.:** 1000-1207**TITLE:** NANOTECHNOLOGY NEURAL NETWORK METHODS AND SYSTEMS**CERTIFICATE OF TRANSMISSION BY FACSIMILE**

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I hereby certify that this correspondence is  
 being transmitted to the Commissioner for  
 Patents, P.O. Box 1450, Alexandria, VA  
 22313-1450 by facsimile transmission  
 to the following fax number (571) 273-8300  
 on December 18, 2006.

Kermit Lopez

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**AMENDMENTS, REPLY AND REQUEST FOR RECONSIDERATION**

Dear Sir:

In response to the Office Action dated October 25, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Remarks begin on Page 8 of this Paper.

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